

FIG. 1

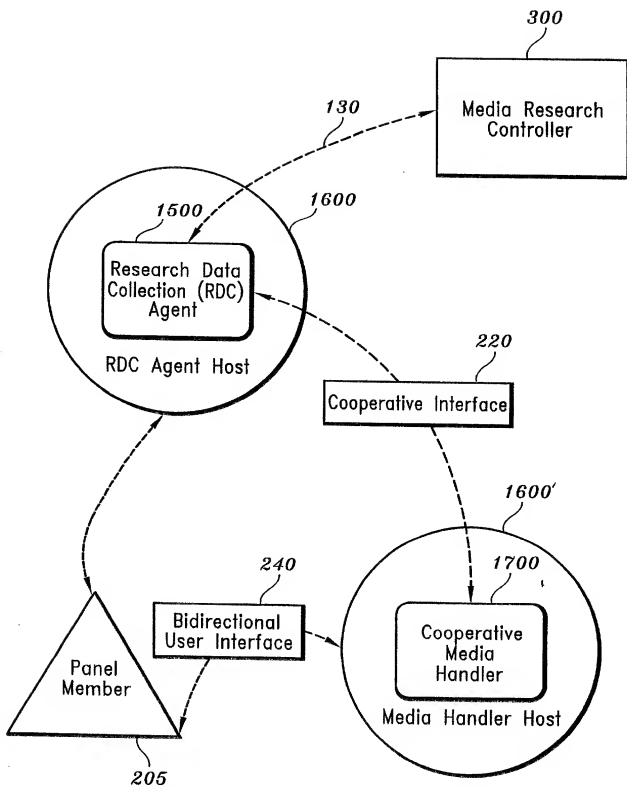


FIG. 2

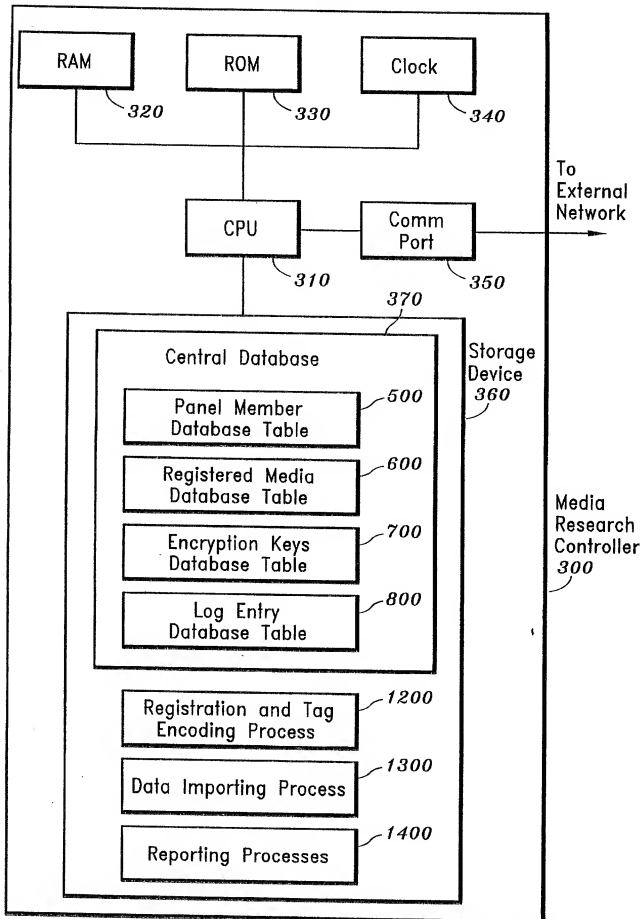
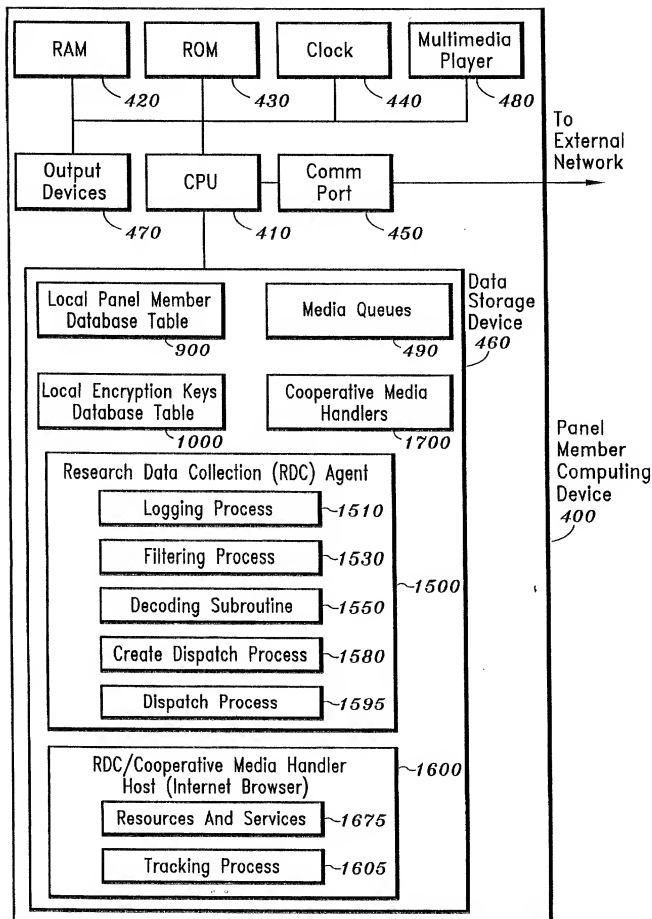


FIG. 3

FIG. 4



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FIG. 5: PANEL MEMBER DATABASE TABLE

	540	545	550	555	560	565	570	575	580	585
	Panel Member ID	Name	Sex	Age	City	State	Education	Income	Primary RDC Agent	Email Address
505	37121	Jason Green	M	36	New York	NY	College Grad	\$120,000.00	RDCA50101	ig121@aol.com
510	37122	Jessica Green	F	35	New York	NY	Post Grad	\$ 80,000.00	RDCA50101	jessica21@aol.com
515	37123	Jasper Green	M	8	New York	NY	Primary	\$ -	RDCA50101	terak@aol.com
520	41023	Mark Hillerman	M	28	Burlington	VT	College Grad	\$ 57,000.00	RDCA52777	markhill@msn.com

FIG. 6: REGISTERED MEDIA DATABASE TABLE

	640	645	650	655	660	665	670
	Media ID (M ₁)	Registrant	Agency	Media Type	ID Tag (C ₂)	Start Date	End Date
605	123456	MSNBC	NBC	MPEG-2	1110...1101	2/1/01	3/1/01
610	123457	Starwave	Starwave	Java Applet	1010...1011	2/14/01	2/28/01
615	123458	AT&T Universal Card	McCann-Erickson	PNG File	1111...0101	7/7/01	7/31/01
620	144231	IBM	Ogilvy & Mather	Acrobat File	0001...1000	12/15/01	12/31/01

Encryption Keys Database Table

Key Pair ID	Key Pair Owner	Public Key	Private Key
K1001	RDCA50101	1011...1001	0101...1101
K1002	RDCA50102	0001...1101	1111...0010
K1003	MRC0001	1010...1100	1011...0001
K10044	RDCA50159	1011...1101	1100...0110

FIG. 7

FIG. 8: LOG ENTRY DATABASE TABLE

830	835	840	842	845	850	855	860
Entry ID	RDC Agent ID	Media Handler ID	Media Host ID	Registered Media ID	Panel Member IDs	Date	Time
805	123456	RDC473211	MH12112	123456	41023,21121	07/07/2001	14:02:00
810	123457	RDC474123	MH12111	0	24101	07/07/2001	14:02:01
815	123458	RDC471212	MH17312	0	41511	07/07/2001	14:02:01
820	144231	RDC441411	MH15111	312117	16211	10/30/2001	7:12:15

865	870	875
Metadata	Contextual Information	Presentation Information
Program	Media Type	URL
805	none	HTML Page
810	none	HTML Page
815	Seinfeld	HDTV
820	none	MPEG-2

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User Interactions			
Zoom	Rotate	Size	User Input
805	no	large	none
810	yes	medium	none
815	no	full screen	none
820	no	letterbox	none

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Local Panel Member
Database Table

	940	945
	Panel Member ID Number	Panel Member Tracking Semaphore
905	12312	In Scope
910	32311	Out of Scope
915	12322	Out of Scope

FIG. 9

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Local Encryption Keys
Database Table

	1040 Local Key ID	1045 Local Pair ID	1000 1050 Key
1005	K1	K102212	0101...1110
1010	K2	K102322	1100...0011
1015	K3	K104332	0111...0000
1020	K4	K103221	1100...1000

FIG. 10

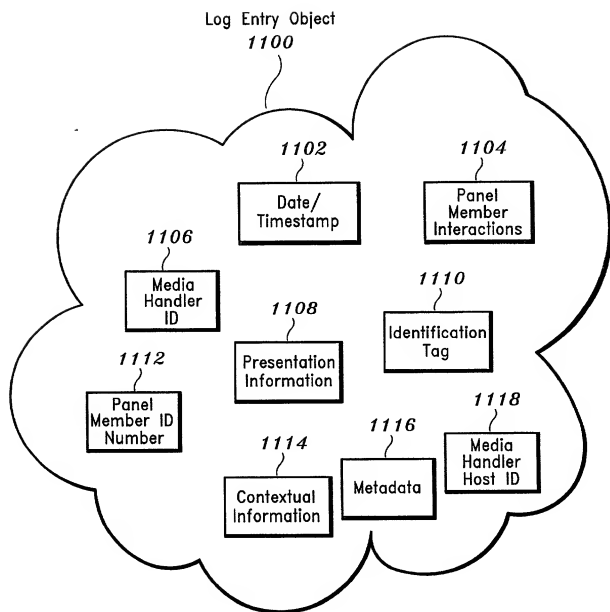


FIG. II

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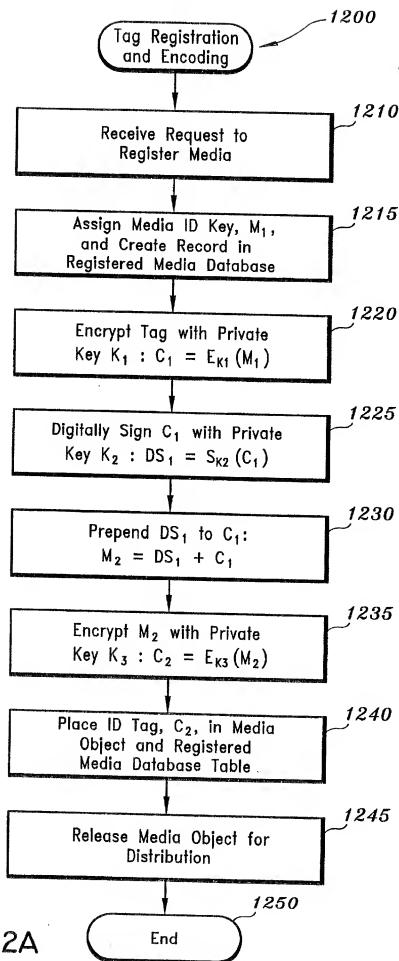


FIG. 12A

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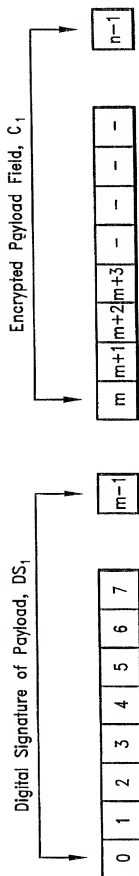


FIG. 12B

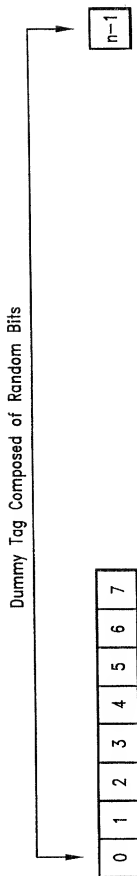


FIG. 12C

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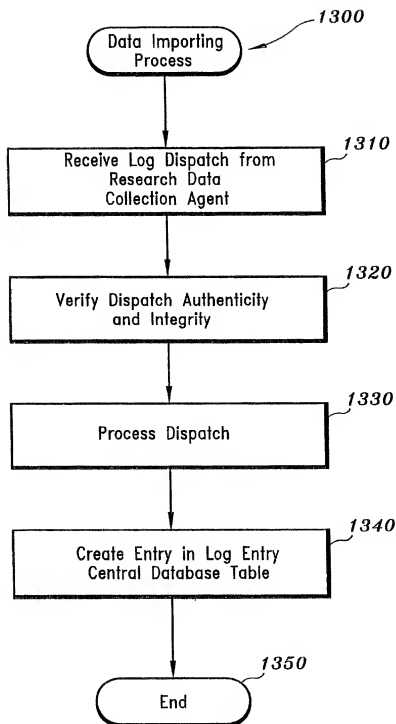


FIG. 13

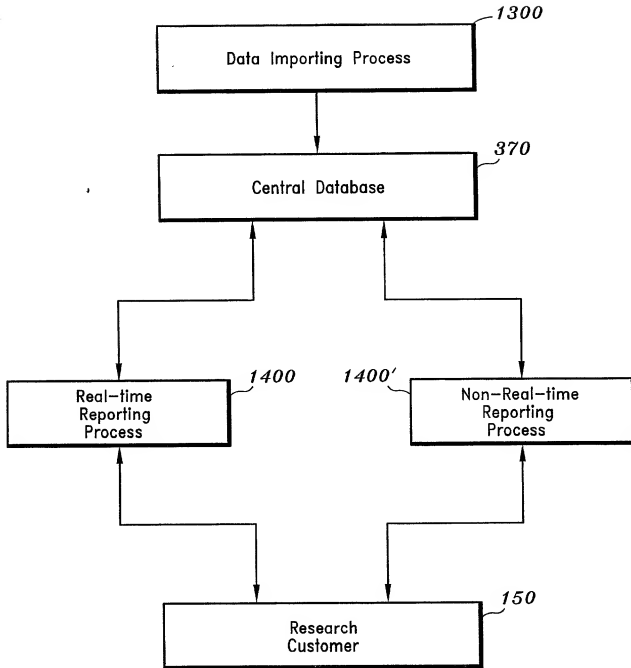


FIG. 14

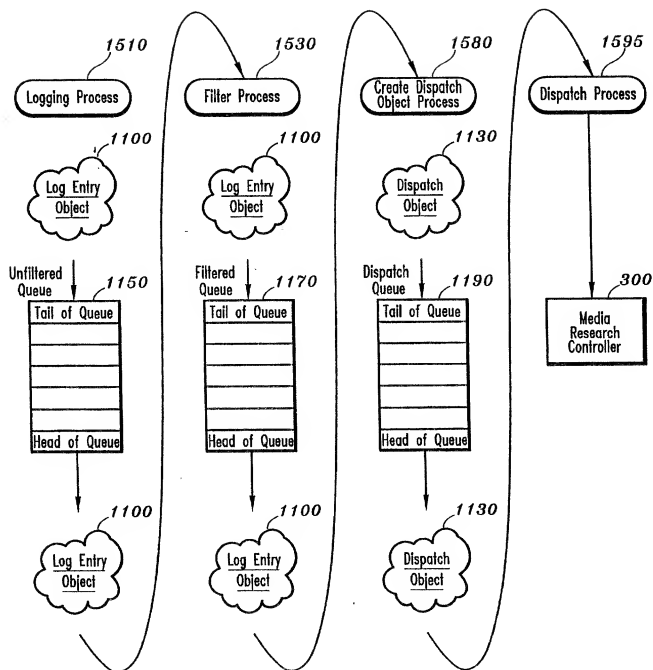


FIG. 15A

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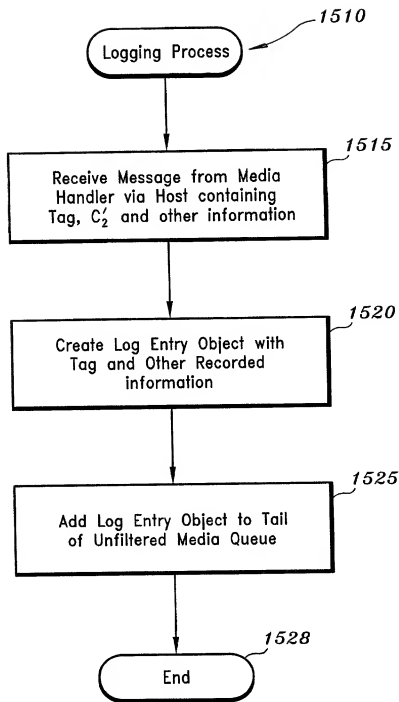


FIG. 15B

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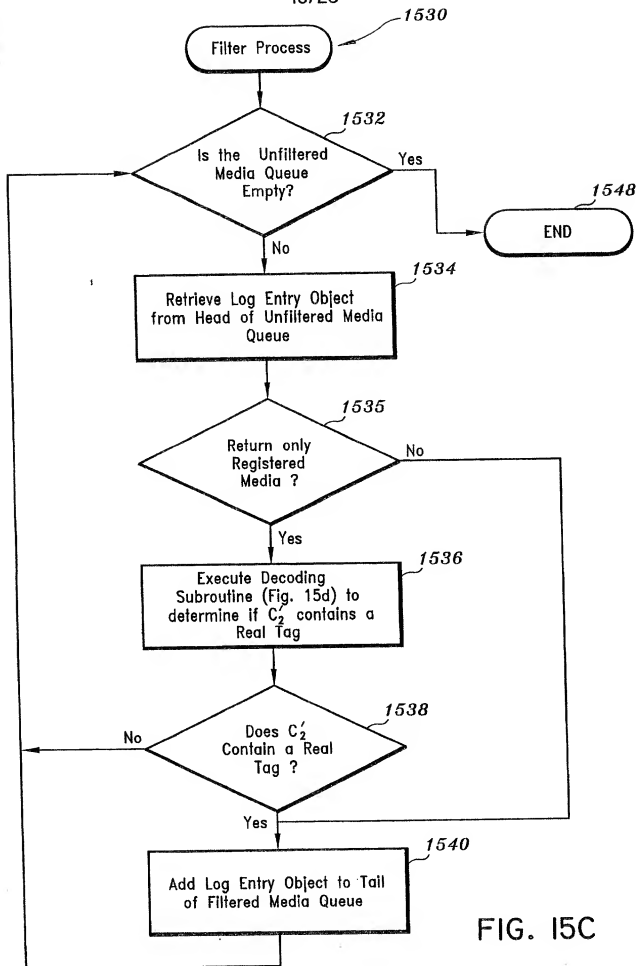


FIG. 15C

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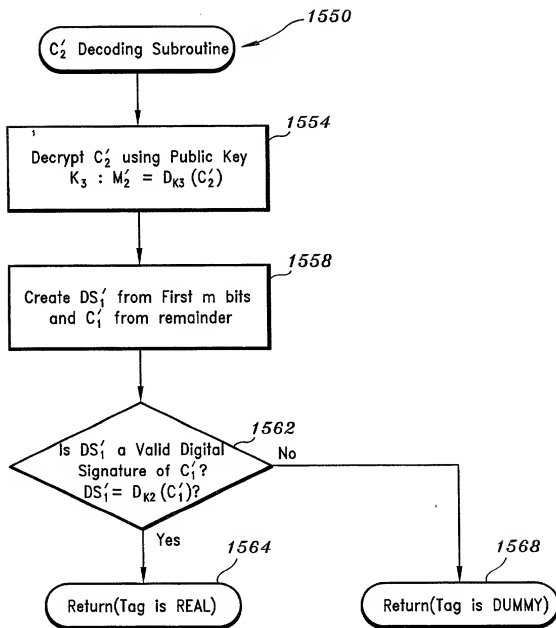
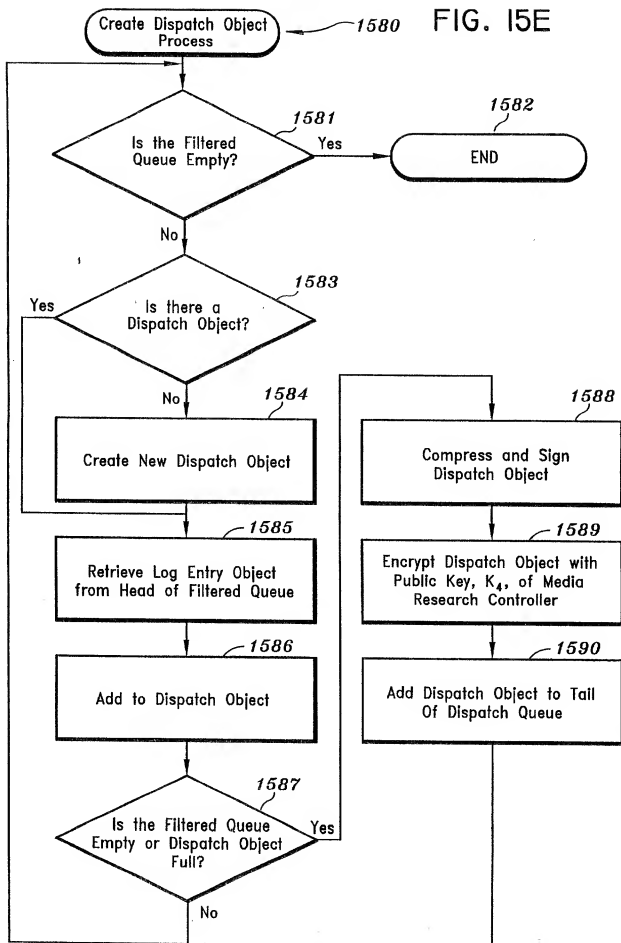


FIG. 15D

FIG. 15E



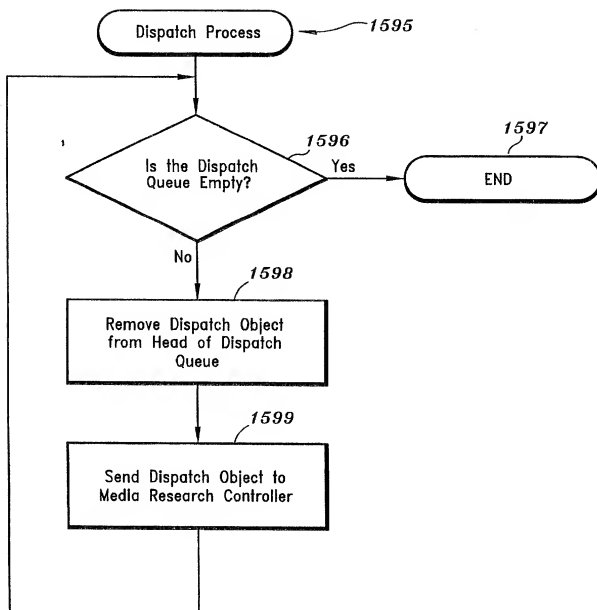


FIG. 15F

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RDC/Media Handler
Host Tracking Process

1605

No

Has a Panel Member
Entered Scope?

1610

Yes

Send Message to Panel
Member's Research Data
Collection Agent

1620

No

Has a Panel Member
Left Scope?

1630

Yes

Send Message to Panel
Member's Research Data
Collection Agent

1640

Suspend
Tracking?

1645

No

Yes

END

1650

FIG. 16

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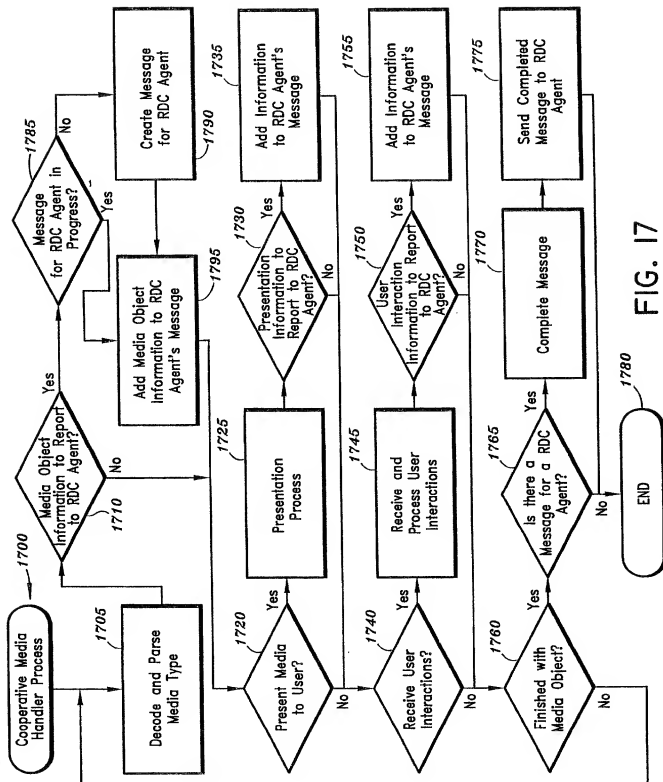


FIG. 17